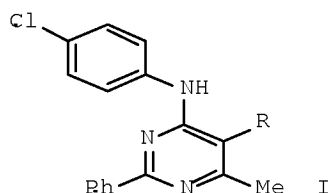


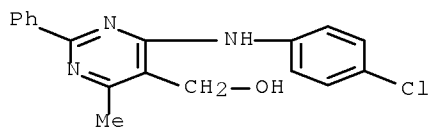
TITLE: Method of preparing 2-phenyl-4-(4'-chlorophenylamino)-  
 6-methyl-5-(hydroxymethyl)pyrimidine  
 INVENTOR(S): Machon, Zdzislaw; Cieplik, Jerzy; Wieczorek, Zbigniew;  
 Zimecki, Michal  
 PATENT ASSIGNEE(S): Akademia Medyczna, Pol.  
 SOURCE: Pol., 3 pp.  
 CODEN: POXXA7  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Polish  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 164076	B1	19940630	PL 1990-284351	19900315
PRIORITY APPLN. INFO.:			PL 1990-284351	19900315

OTHER SOURCE(S): CASREACT 123:83387  
 ED Entered STN: 19 Jul 1995  
 GI



AB Title compound I (R = CH<sub>2</sub>OH) (II) is prepared by reduction of I (R = CO<sub>2</sub>Et) with LiAlH<sub>4</sub> in anhydrous THF. An example gave 82.2% yield of II. Strong immunostimulant activity was demonstrated by II both in vitro and in vivo, e.g., using the Jerne test and GvH tests (no addnl. data).  
 IT 154957-61-6P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of phenyl(chlorophenyl)aminomethyl(hydroxymethyl)pyrimidine as immunostimulant)  
 RN 154957-61-6 HCAPLUS  
 CN 5-Pyrimidinemethanol, 4-[(4-chlorophenyl)amino]-6-methyl-2-phenyl- (CA INDEX NAME)



IC ICM C07D239-42  
 CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 1

IT 154957-61-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phenyl(chlorophenyl)aminomethyl(hydroxymethyl)pyrimidine as immunostimulant)

IT 94037-17-9

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reduction; preparation of

phenyl(chlorophenyl)aminomethyl(hydroxymethyl)pyrimidine as immunostimulant)